## INTERNATIONAL SEARCH REPORT ROCAL PROPERTY AND ADDICATION NO. 10 NO. 2004

PCT/EP 03/05725

A. CLASSIFICATION OF SUBJECT MATTER TPC 7 A23C19/11 A23C19/086 A23L1/00 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 A23C A23L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) WPI Data, PAJ, EPO-Internal, FSTA C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Category Citation of document, with indication, where appropriate, of the relevant passages Y EP 0 867 124 A (GIST BROCADES BV) 1 - 8.1030 September 1998 (1998-09-30) page 2; claims 1,5,11,13,16 page 3, line 27-29 EP 1 068 809 A (PROTEIN TECH INT) Υ 1-8 17 January 2001 (2001-01-17) page 4, line 45 -page 6, line 7 US 3 594 151 A (CURRY TED L ET AL) X 20 July 1971 (1971-07-20) Υ column 2, line 8 - line 37; claim 1 column 4, line 65 - line 72 10 US 5 446 014 A (SCHUPPISER JEAN-LUC ET g X AL) 29 August 1995 (1995-08-29) column 2, line 17 column 3, line 15 -column 4, line 34 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 1 October 2003 14/10/2003 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Desmedt, G Fax (+31-70) 340-3016



Intermedial Application No PCT/EP 03/05725

Cicontinuation) DOCUMENTS CONSIDERED TO BE RELEVANT Category* Chatten of document, with indication, where appropriate, of the relevant pessages  Retovant to claim No.  X		A STATE ASSOCIATION TO DE DELEVANT	101/21 03/03/23
X GB 2 235 616 A (GRACE W R & CO) 13 March 1991 (1991-03-13) page 3, paragraph 4 -page 4, paragraph 3  E WO 03 053172 A (STARK JACOBUS; DSM NV (NL); RIJN VAN FERDINAND THEODORUS J (NL); W) 3 July 2003 (2003-07-03) page 5; examples 1B,2B  A EP 1 174 039 A (KRAFT FOODS HOLDINGS INC) 23 January 2002 (2002-01-23) column 7; claims 1,9; figure 1  A EP 0 678 241 A (GIST BROCADES BV) 25 October 1995 (1995-10-25) cited in the application column 1, line 15 -column 26; claims 1,5,7,10			Relevant to claim No.
13 March 1991 (1991-03-13) page 3, paragraph 4 -page 4, paragraph 3  E WO 03 053172 A (STARK JACOBUS; DSM NV (NL); RIJN VAN FERDINAND THEODORUS J (NL); W) 3 July 2003 (2003-07-03) page 5; examples 18,2B  A EP 1 174 039 A (KRAFT FOODS HOLDINGS INC) 23 January 2002 (2002-01-23) column 7; claims 1,9; figure 1  A EP 0 678 241 A (GIST BROCADES BV) 25 October 1995 (1995-10-25) cited in the application column 1, line 15 -column 26; claims 1,5,7,10	Category °	Citation of document, with indication, where appropriate, or the relevant passages	
(NL); RIJN VAN FERDINAND THEODORUS J (NL); W) 3 July 2003 (2003-07-03) page 5; examples 1B,2B  EP 1 174 039 A (KRAFT FOODS HOLDINGS INC) 23 January 2002 (2002-01-23) column 7; claims 1,9; figure 1  EP 0 678 241 A (GIST BROCADES BV) 25 October 1995 (1995-10-25) cited in the application column 1, line 15 -column 26; claims 1,5,7,10	X	13 March 1991 (1991-03-13)	9
23 January 2002 (2002-01-23) column 7; claims 1,9; figure 1  EP 0 678 241 A (GIST BROCADES BV) 25 October 1995 (1995-10-25) cited in the application column 1, line 15 -column 26; claims 1,5,7,10	E	(NL); RIJN VAN FERDINAND THEODORUS J (NL); W) 3 July 2003 (2003-07-03)	1-8
25 October 1995 (1995-10-25) cited in the application column 1, line 15 -column 26; claims 1,5,7,10	A	23 January 2002 (2002-01-23)	1,3
	A	EP 0 678 241 A (GIST BROCADES BV) 25 October 1995 (1995-10-25) cited in the application column 1, line 15 -column 26; claims 1,5,7,10	1,2,5

## IN RNATIONAL SEARCH REPORT

Information on patent family members

Intersection No PCT/EP 03/05725

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0867124	Α	30-09-1998	AU	729289 B2	01-02-2001
			AU	5844498 A	24-09-1998
			CA	2232157 A1	18-09-1998
			EΡ	0867124 A1	30-09-1998
			HU	9800596 A2	28-12-1998
			PL	325408 A1	28-09-1998
			TR	9800491 A1	21-10-1998
			ÜS	5962510 A	05-10-1999
ہ تنا سے کانب سے بھی ہے ہے ہے ہے ہے۔					
EP 1068809	Α	17-01-2001	US	6291436 B1	18-09-2001
			AU	4721700 A	18-01-2001
			BR	0000195 A	21-08-2001
			CA	2291382 Al	16-01-2001
			CN	1280774 A	<b>24-01-200</b> 1
			EP	1068809 A2	17-01-2001
			JP	2001039805 A	13-02-2001
			ÜS	2003087003 A1	08-05-2003
US 3594151	———— А	20-07-1971	NONE		ه است می نواند به در
US 5446014	Α	29-08-1995	FR	2611531 A1	09-09-1988
			ΑT	88738 T	15-05-1993
			BR	8800718 A	04-10-1988
			CA	1301058 C	19-05-1992
			CN	88100754 A	07-09-1988
			DE	3880532 D1	03-06-1993
			DE	3880532 T2	04-11-1993
			EP	0281460 A2	07-09-1988
			ES	2056944 T3	16-10-1994
			JP	1937419 C	09-06-1995
				6068042 B	31-08-1994
			JP JP	63289040 A	25-11-1988
GB 2235616	Α	13-03-1991	AU	636373 B2	29-04-1993
			AU	5983090 A	31-01-1991
			CA	2011184 A1	28-01-1991
			JР	3087137 A	11-04-1991
			NZ	234228 A	26-05-1993
			ZA	9005532 A	29-05-1991
WO 03053172	A	03-07-2003	WO	03053172 A1	03-07-2003
EP 1174039	Α	23-01-2002	US	6426102 B1	30-07-2002
EI 11/4039	^	25-01-2002	CA	2353174 A1	18-01-2002
			EP	1174039 A2	23-01-2002
		OF 40 400			
PP 007011	Λ.	25-10-1995	EP	0678241 A1	25-10-1995
EP 0678241	Α	20 20 2000		7 (1) (1) (7) (- 1	15-01-2000
EP 0678241	А	20 20 200	AT	188595 T	
EP 0678241	А	20 20 200	ΑT	208133 T	15-11-2001
EP 0678241	A	20 20 2330	AT AU	208133 T 688856 B2	15-11-2001 19-03-1998
EP 0678241	A	20 20 1930	AT AU AU	208133 T 688856 B2 1635595 A	15-11-2001 19-03-1998 19-10-1995
EP 0678241	A	20 20 1530	AT AU AU	208133 T 688856 B2	15-11-2001 19-03-1998 19-10-1995 14-11-1995
EP 0678241	A	20 20 1530	AT AU AU BR	208133 T 688856 B2 1635595 A 9501517 A	15-11-2001 19-03-1998 19-10-1995
EP 0678241	A	20 20 255	AT AU AU BR CA	208133 T 688856 B2 1635595 A 9501517 A 2146793 A1	15-11-2001 19-03-1998 19-10-1995 14-11-1995 12-10-1995
EP 0678241	A	20 20 255	AT AU AU BR CA DE	208133 T 688856 B2 1635595 A 9501517 A 2146793 A1 69514403 D1	15-11-2001 19-03-1998 19-10-1995 14-11-1995 12-10-1995 07-11-2001
EP 0678241	A	20 20 2550	AT AU AU BR CA DE DK	208133 T 688856 B2 1635595 A 9501517 A 2146793 A1 69514403 D1 678241 T3	15-11-2001 19-03-1998 19-10-1995 14-11-1995 12-10-1995 07-11-2001 25-04-2000
EP 0678241	A	20 20 2550	AT AU BR CA DE DK ES	208133 T 688856 B2 1635595 A 9501517 A 2146793 A1 69514403 D1 678241 T3 2143586 T3	15-11-2001 19-03-1998 19-10-1995 14-11-1995 12-10-1995 07-11-2001 25-04-2000 16-05-2000
EP 0678241	A	20 20 200	AT AU AU BR CA DE DK	208133 T 688856 B2 1635595 A 9501517 A 2146793 A1 69514403 D1 678241 T3	15-11-2001 19-03-1998 19-10-1995 14-11-1995 12-10-1995 07-11-2001 25-04-2000





Information on patent family members

Internal Application No PCT/EP 03/05725

$\int$	Patent document cited in search report	Publication date		Patent family member(s)	Publication date
	EP 0678241 A		PT US ZA	678241 T 5552151 A 9502979 A	28-04-2000 03-09-1996 21-12-1995
١					